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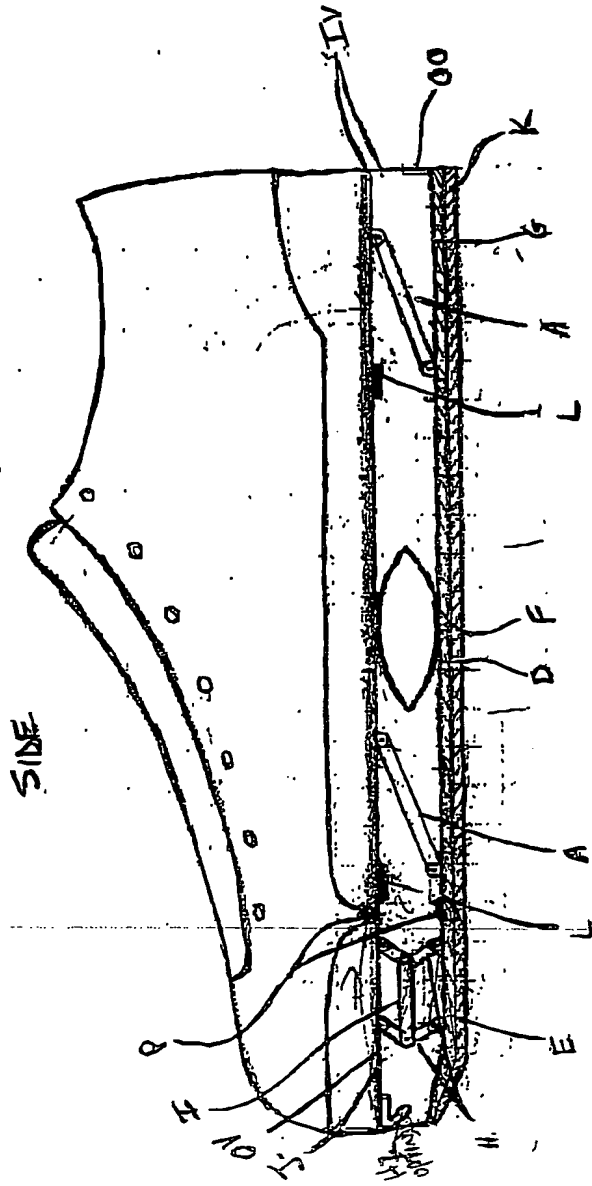
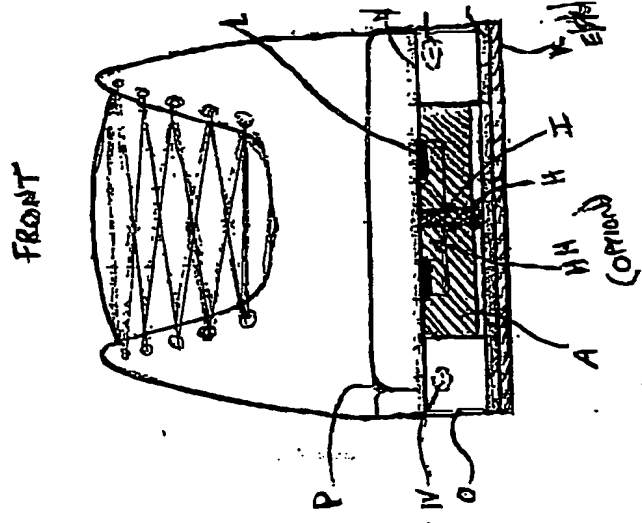
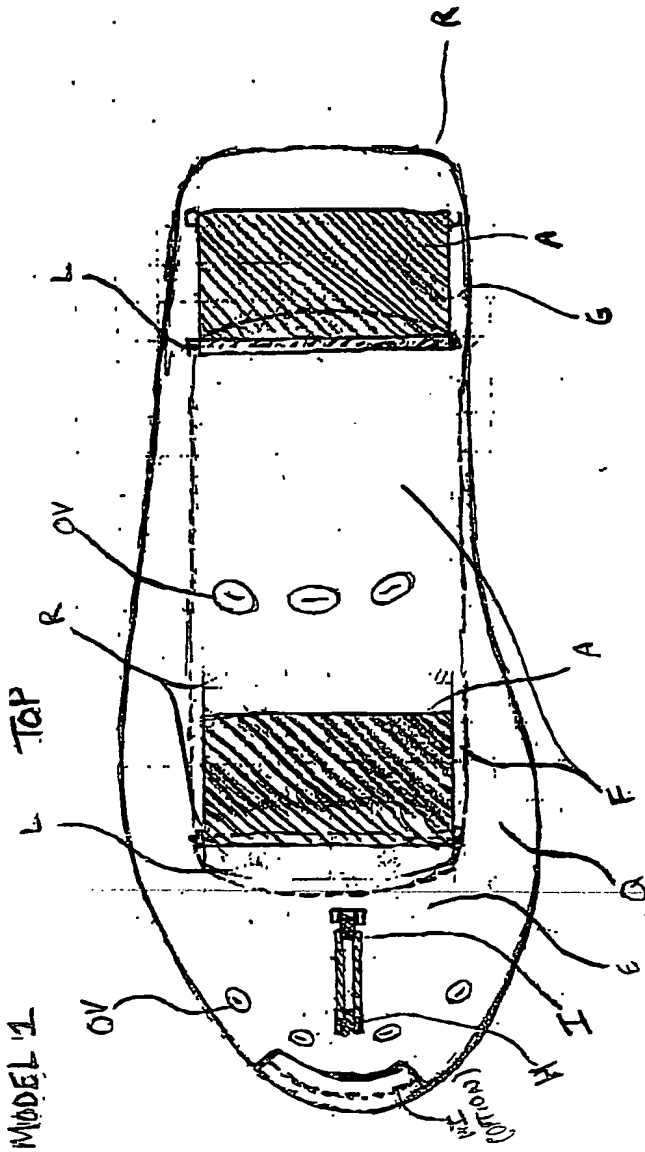
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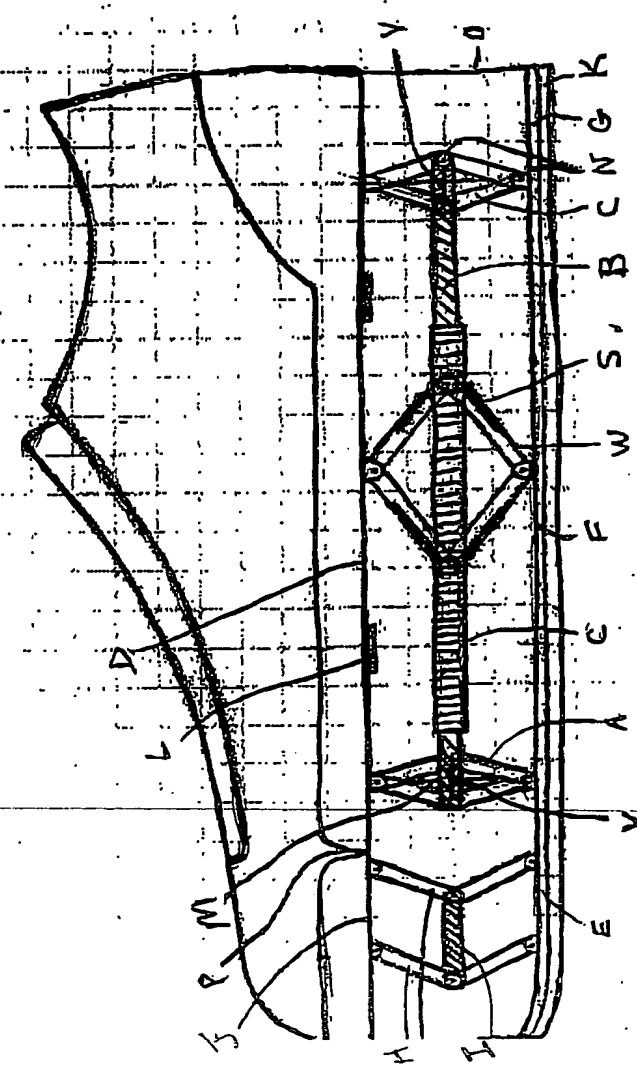
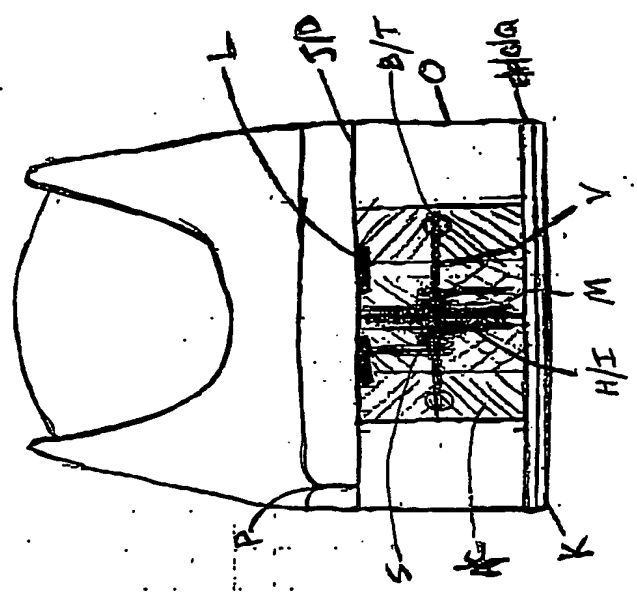
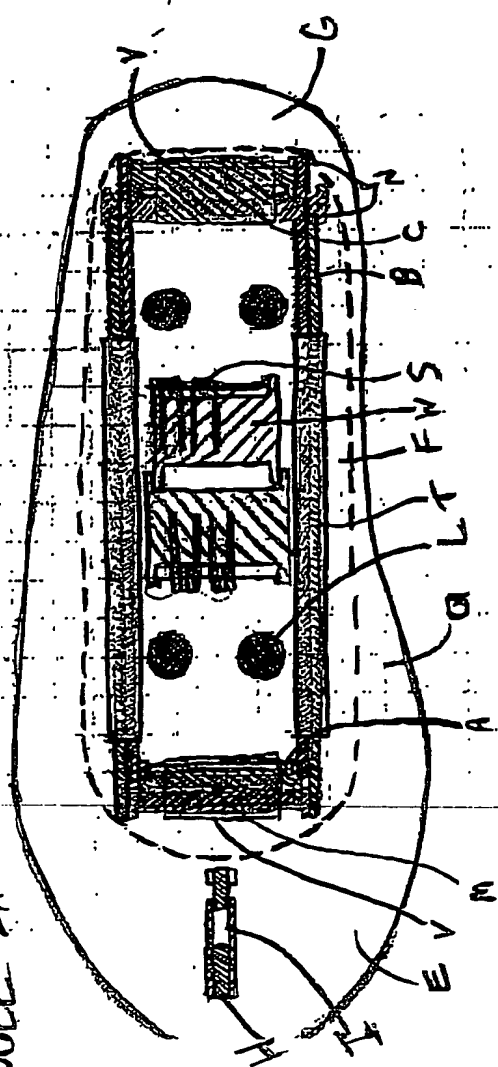
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1:2 SCALE

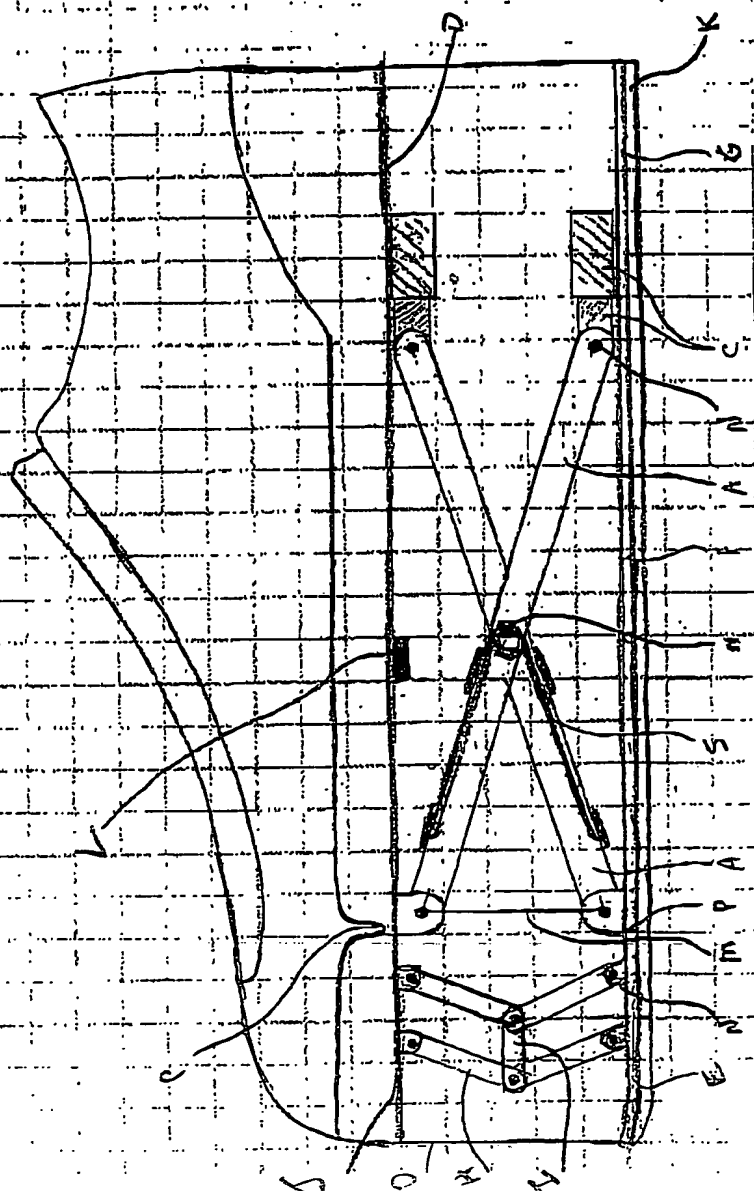
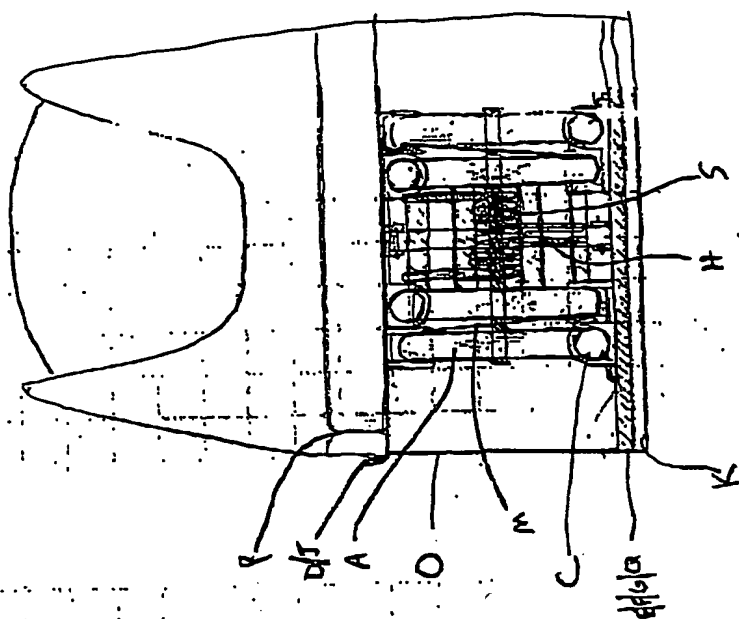
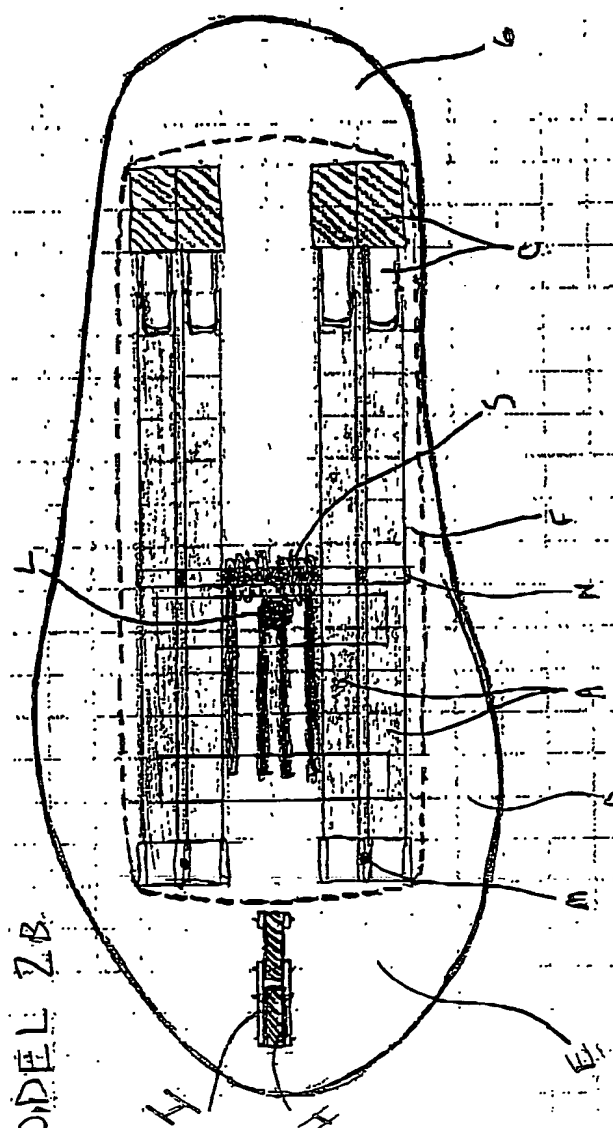


MODEL 2A

1:2 SCALE



MODEL ZB





PERSPECTIVE

FRONT VIEW BEHIND TIE HINGE

FRONT VIEW BEHIND ABOVE TIE ASSEMBLY

TIE ASSEMBLY FRONT VIEW

CHARACTERISTIC FACE PLATE

HORIZONTAL STRUTS

COUNTER PARTS (4)

TOP HINGE

RESISTANT STEEL BAND

TIE ASSEMBLY IN COMPRESSED POSITION

STEEL HINGE STRUTS

SPRINGS

RUBBER TREAD (APPROX 1/16")

FIBERGLASS SHEET

ALUMINUM SHEET (APPROX 3/32")

TOP VIEW

GLASS

FIBERGLASS SHEET

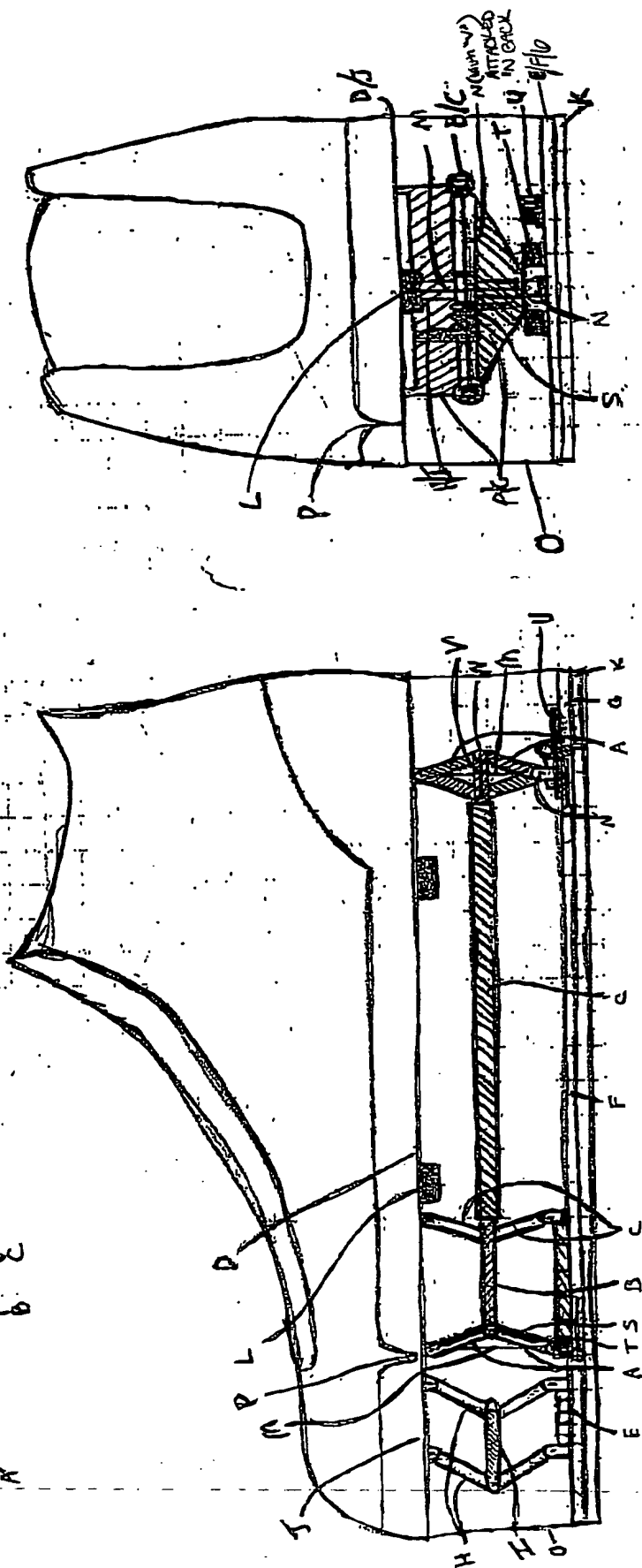
RUBBER TREAD EXPOSED

ALUMINUM SHEET (USE 1/4" THICK DELRIN BETWEEN ALL MOVING PARTS)

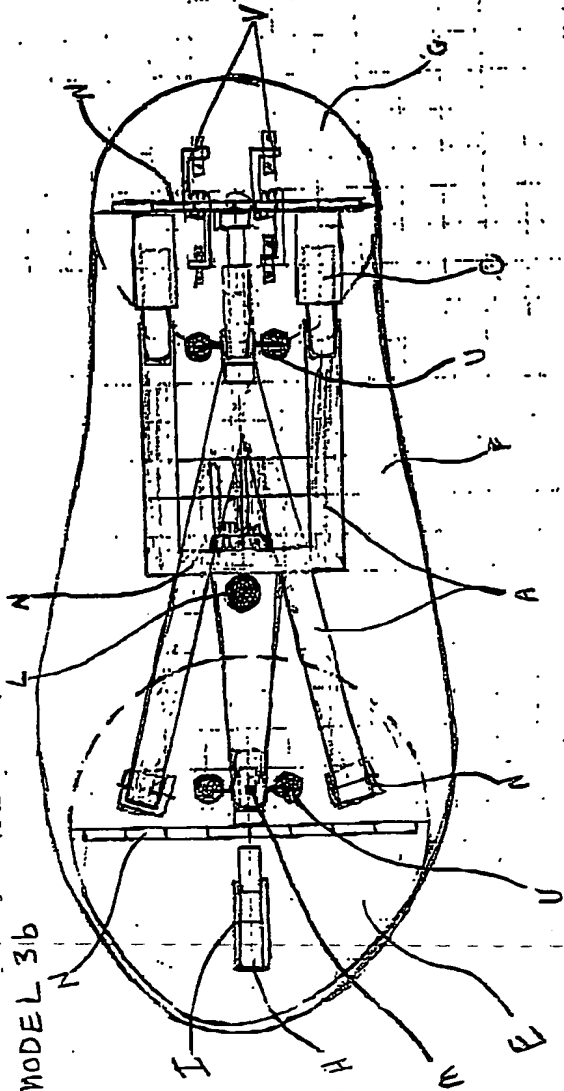
RUBBER TREAD EXPOSED

HOLES IN ALUMINUM & FIBERGLASS, EXPOSING RUBBER

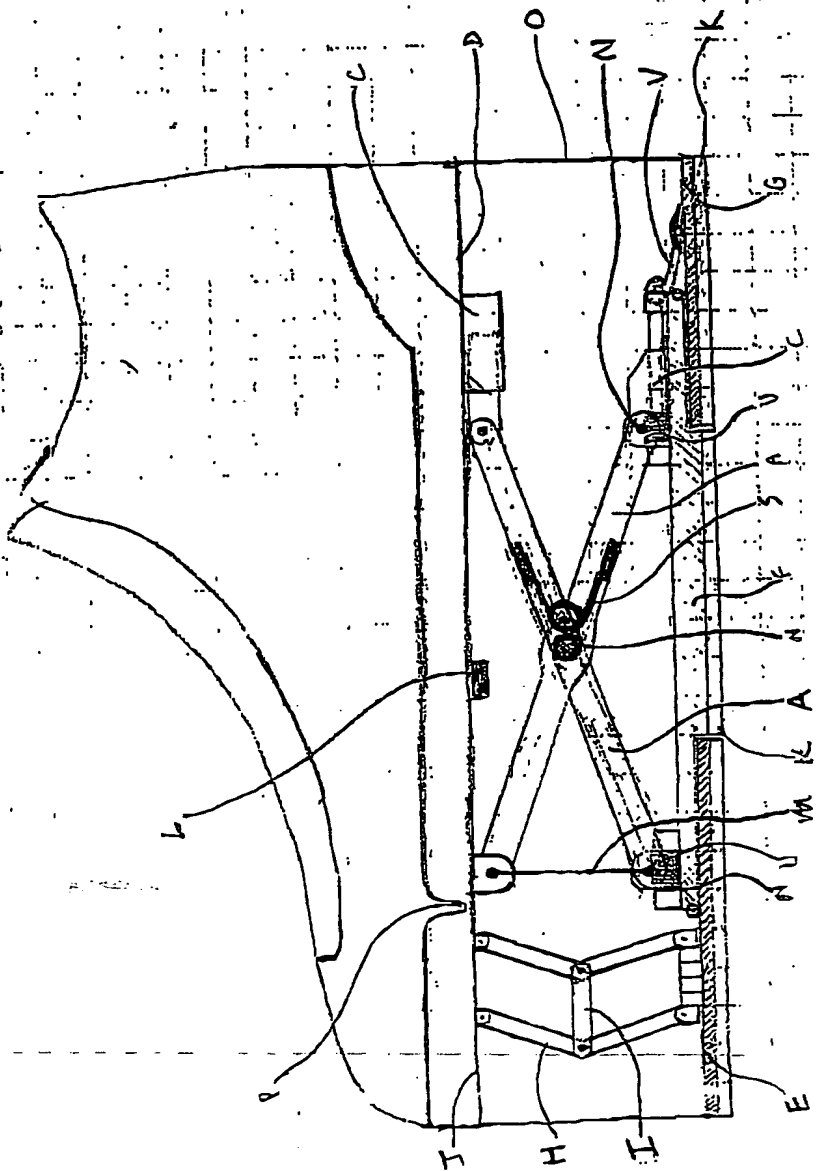
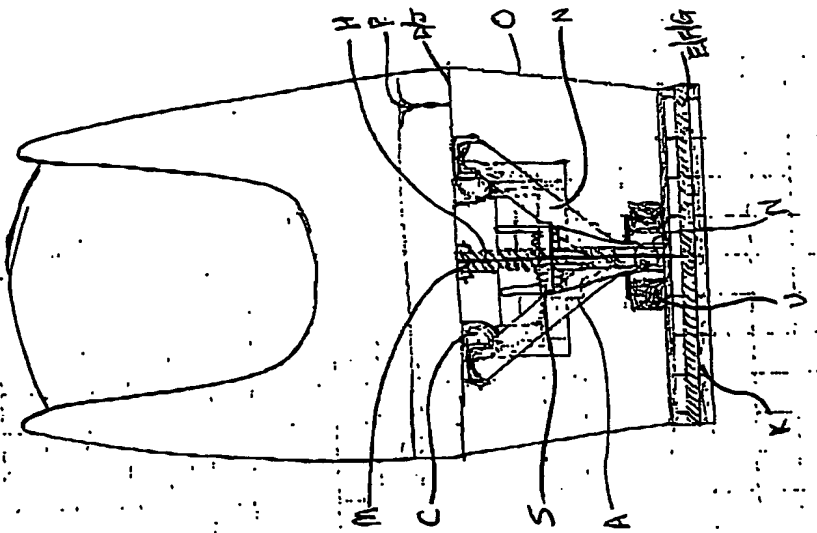
1:2 SCALE



MODEL 31b

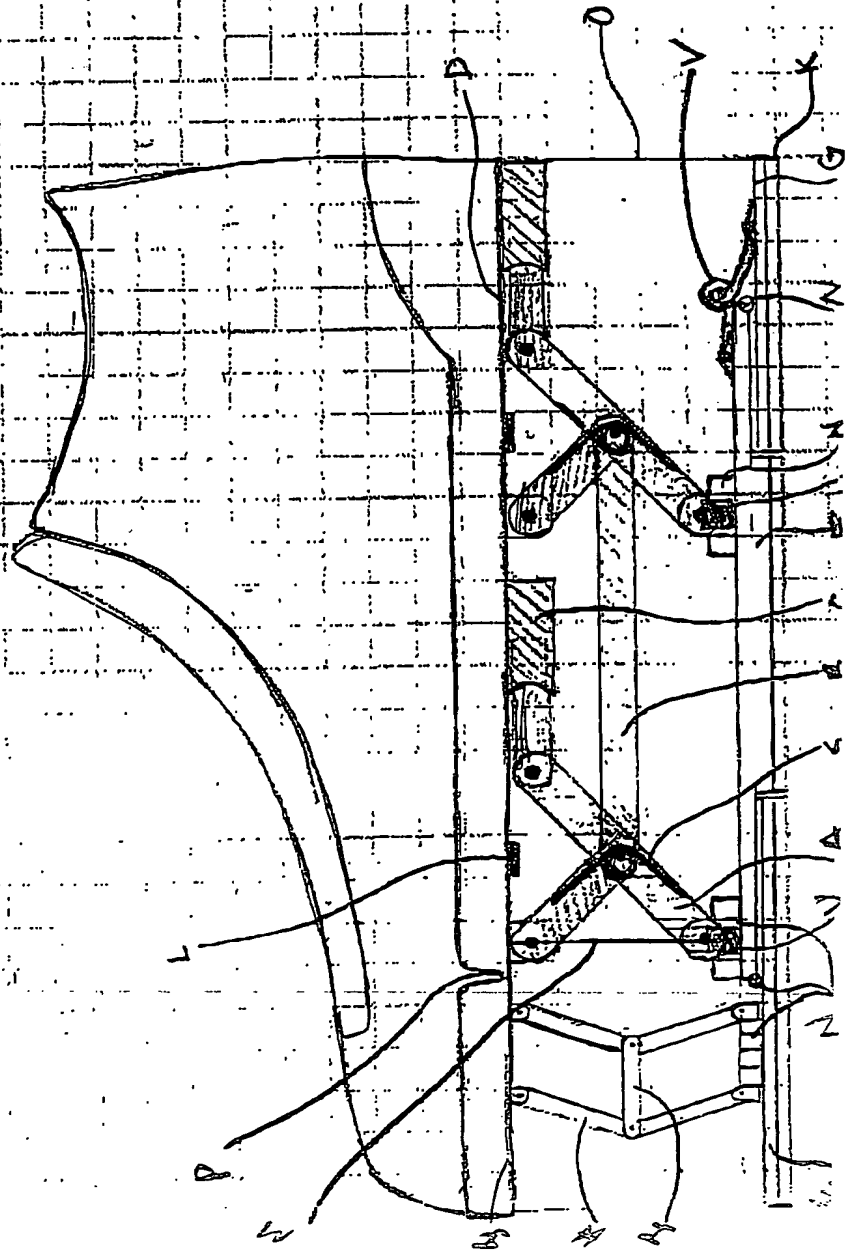
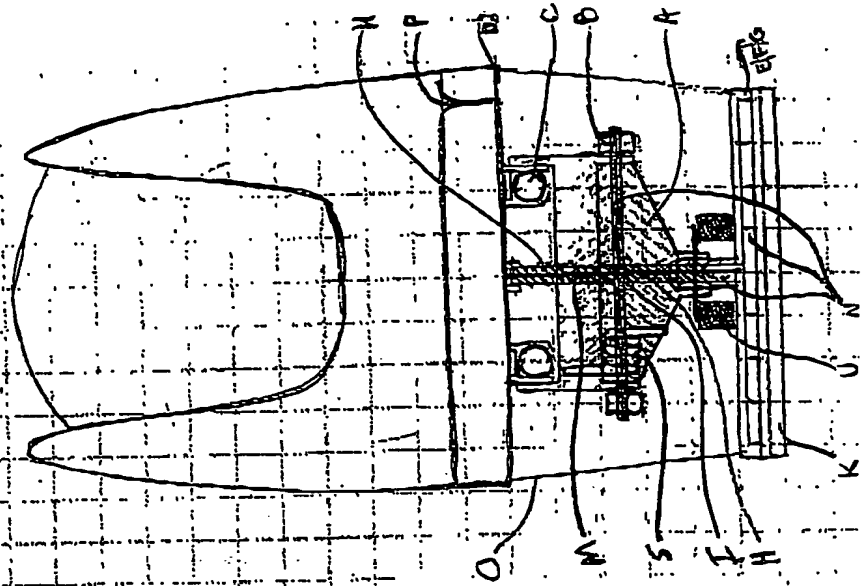
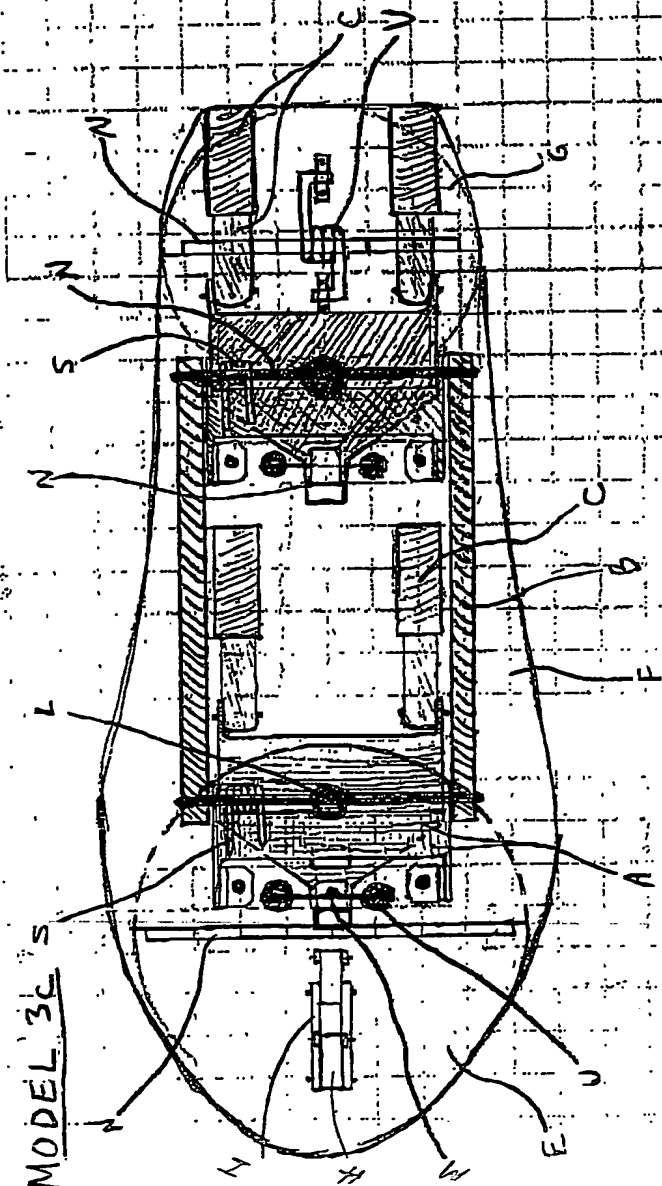


102 SCALE



MODEL 3C'S

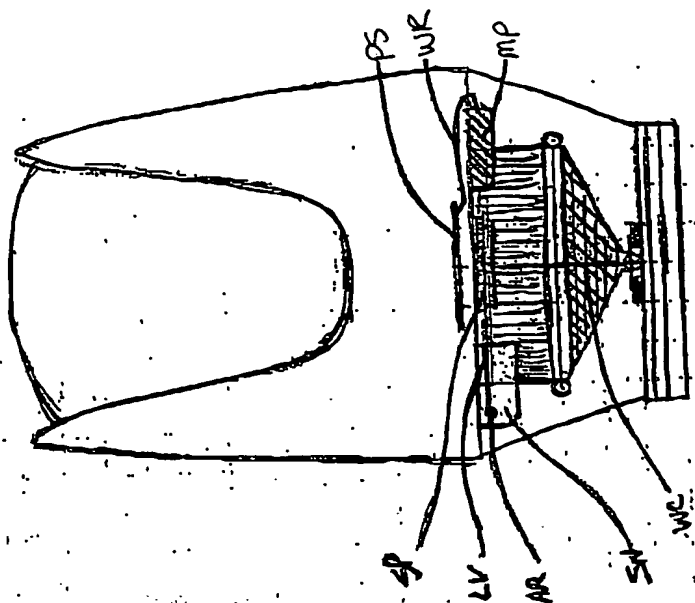
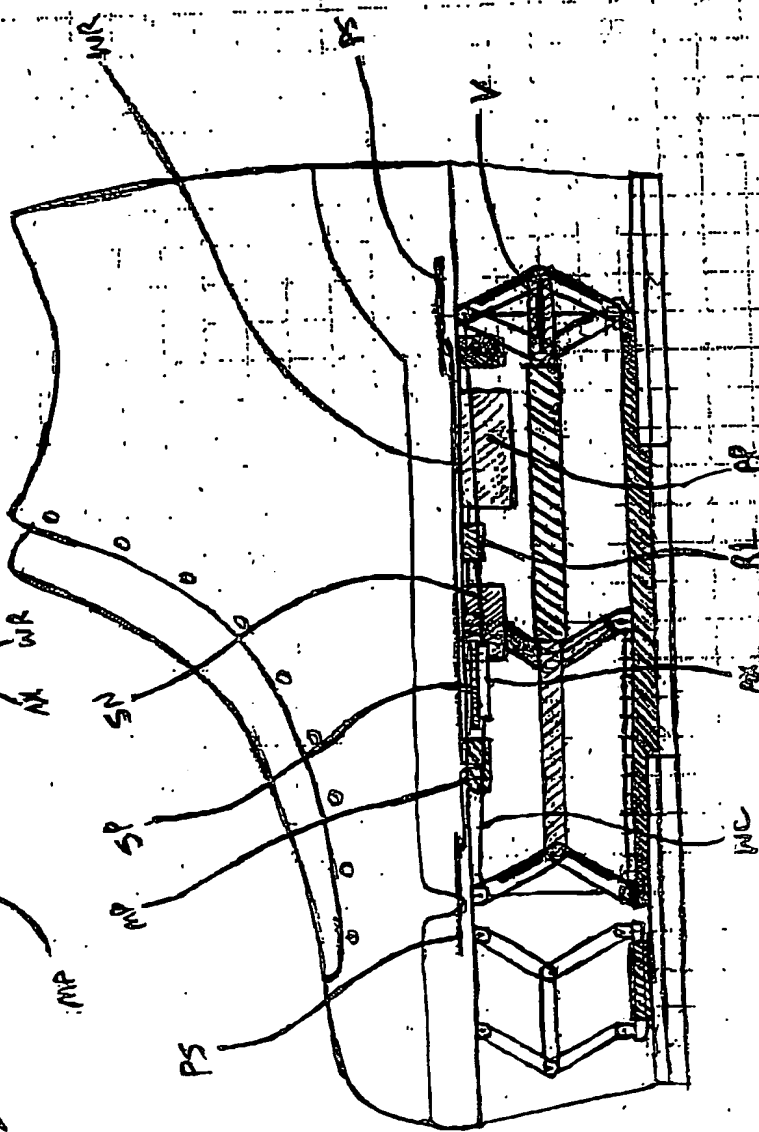
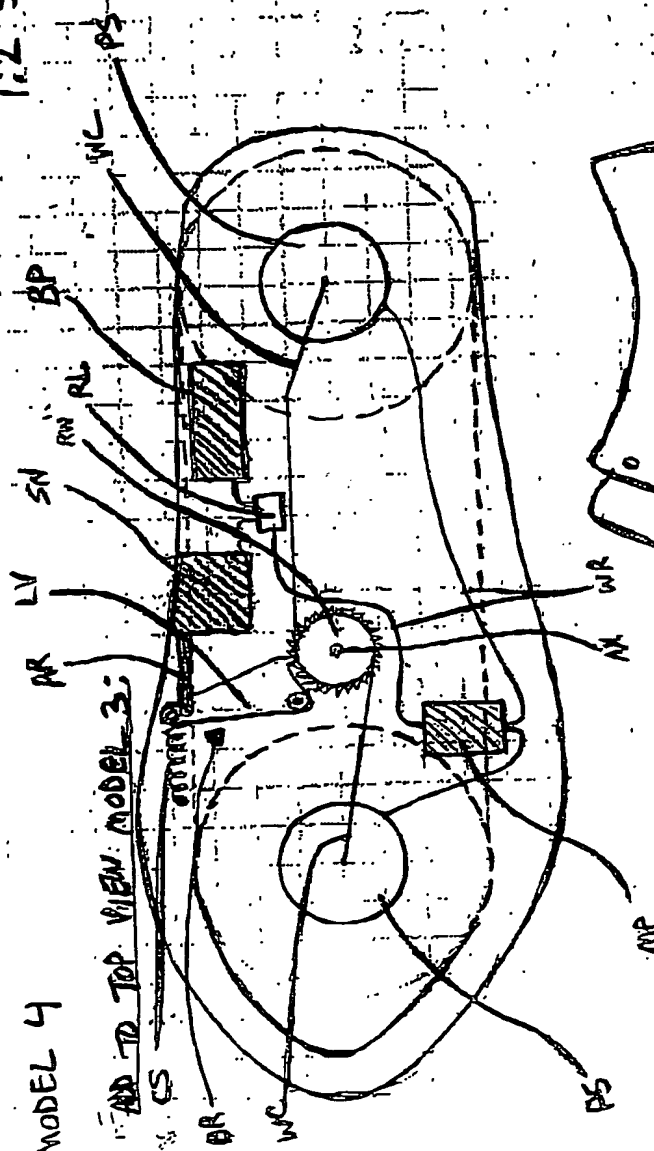
1:2 SCALE



1:2 SCALE

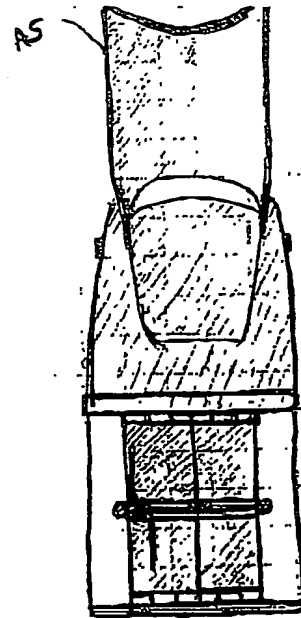
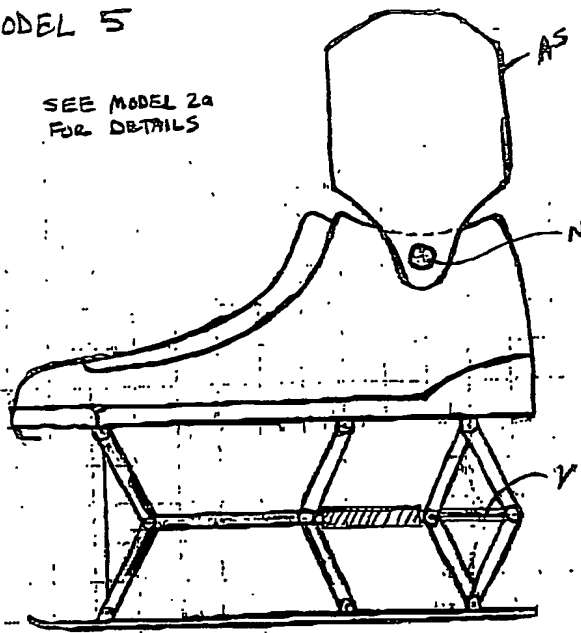
MODEL 4

ADD TO TOP VIEW MODEL 3:



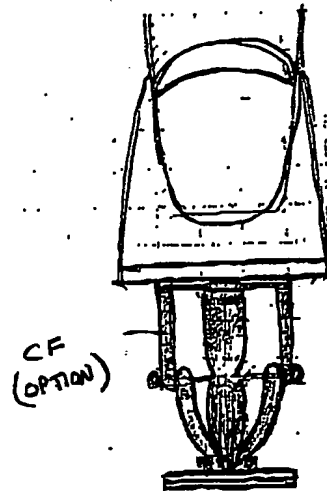
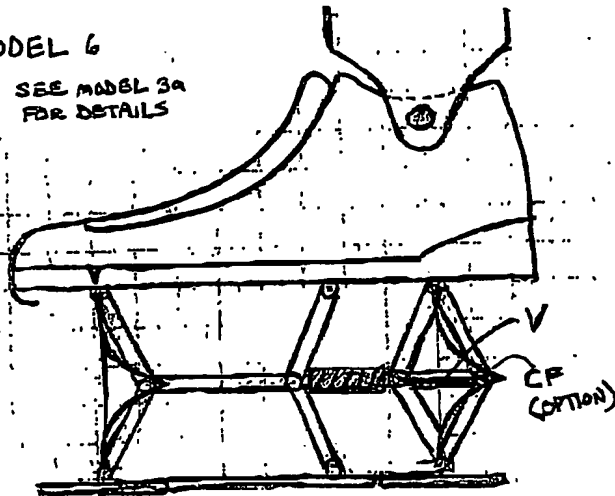
MODEL 5

SEE MODEL 2a
FOR DETAILS



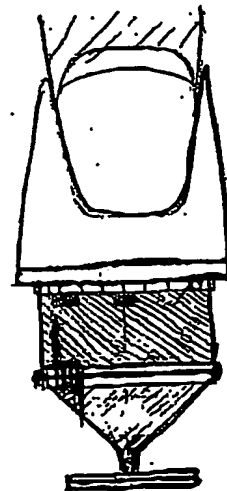
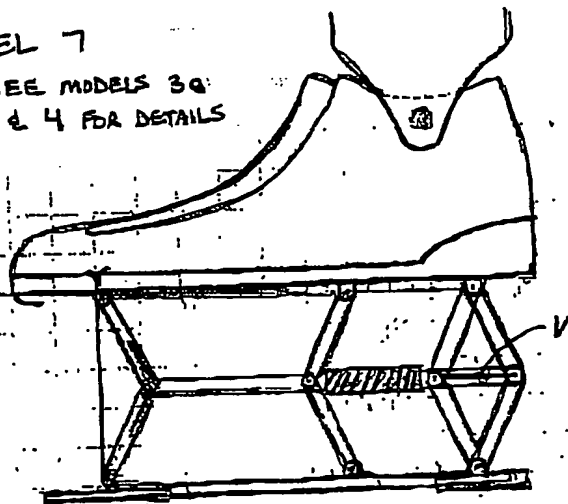
MODEL 6

SEE MODEL 3a
FOR DETAILS



MODEL 7

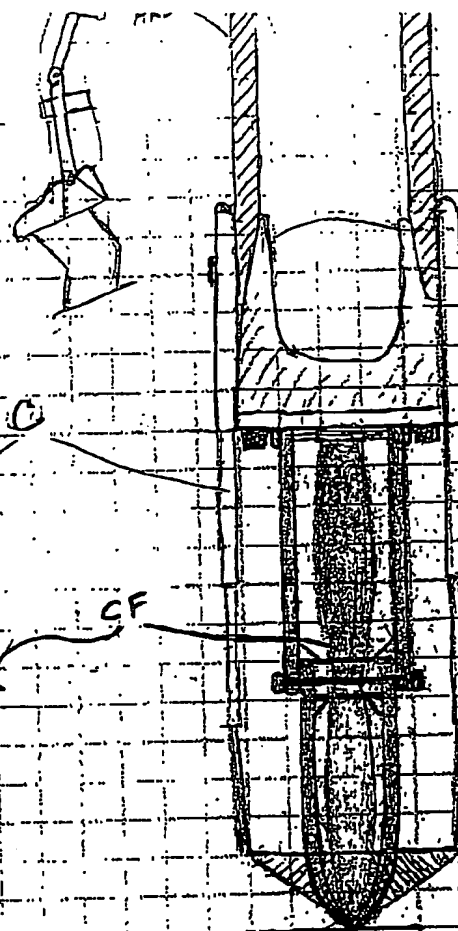
SEE MODELS 3a
& 4 FOR DETAILS



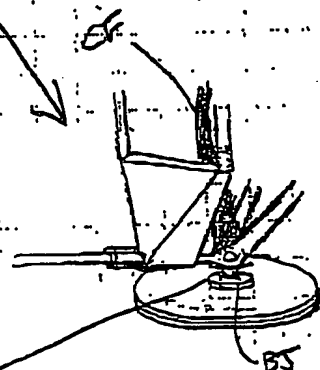
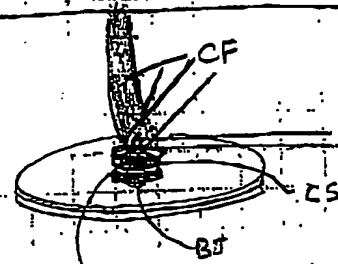
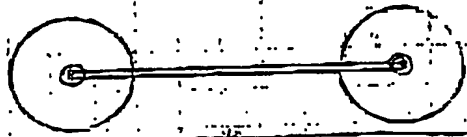
MODEL 8

(ESCAPE MECHANISM FROM MODEL 4 & 7)

AKS



TOP VIEW OF LOWER SOLE:



TREAD OPTION (KK)

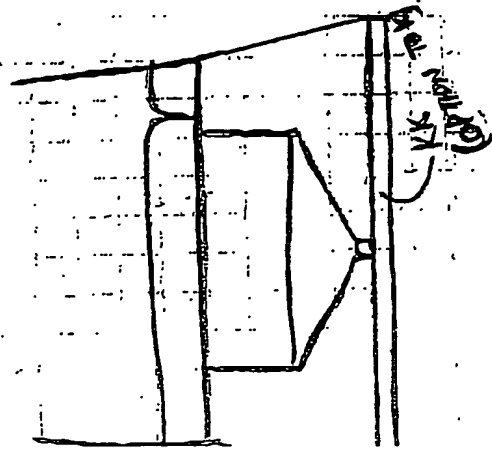
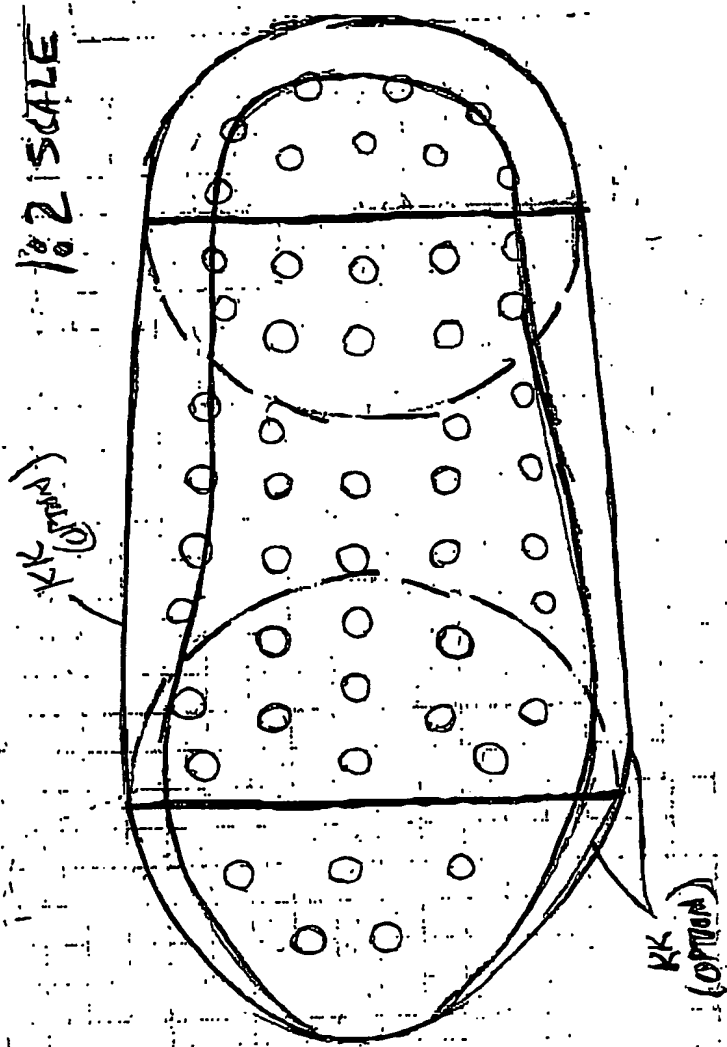
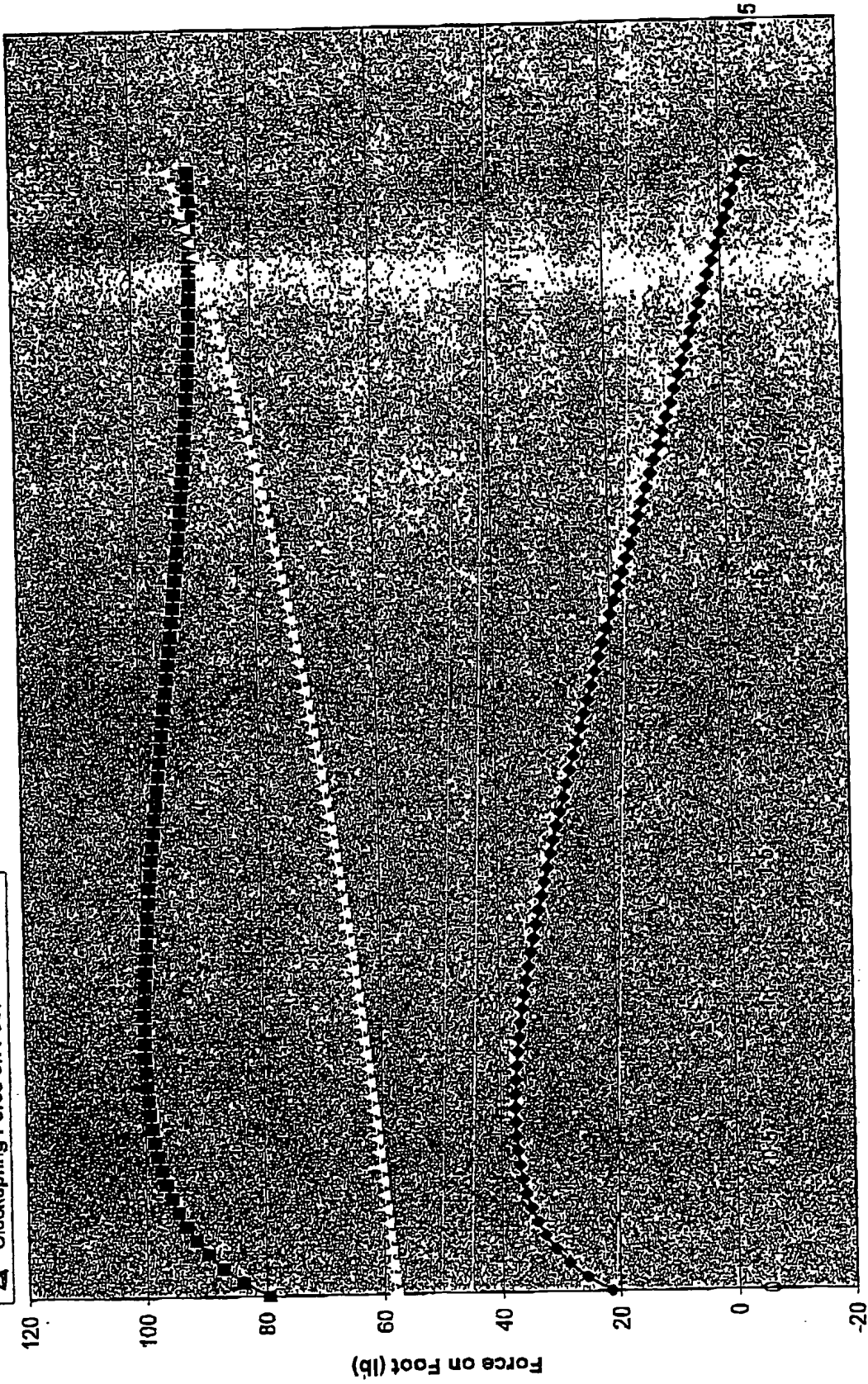


FIGURE 1

Combined Forces

- ◆ Linear Spring Total Force on Foot
- Combined Linear + Clockspring on Foot
- ▲ Clockspring Force on Foot



Vertical Travel, total (inches)